

HEC-RAS 4.1.0_1.0.8 Release Notes

Release Date: 5/16/2016

Release Type: Scheduled

HEC-RAS Model Engine: 4.1.0

HEC-RAS FEWS Adapter: 1.0.8

CHPS Build: 5.3.1

Build and Package Date: 7/20/2015

Tested against FEWS Binary: 2015.02 build 60945, patched from 59855

Introduction

This document contains release notes for HEC-RAS 4.1.0_1.0.8.

Notes

Fixes

FogBugz ID	Requested By	Title
1822	NWC	HEC-RAS model adapter output_profiles.xml file.

FogBugz 1822 – *HEC-RAS model adapter output_profiles.xml file.*

Description

RMA discovered two possible problems with the HEC-RAS model adapter when writing out computed water surface profiles to the output_profiles.xml file.

- 1) If the simulation period crosses one month to the next, output of the data may begin with the first day of the new month only. Output from the previous month may be skipped.
- 2) Output values may be set to "NaN" in the output_profiles.xml file although there is valid data to write.

Cause

Problem (2) was caused by a change in the FEWS software which was not properly accounted for in the HEC-RAS model adapter.

Fix

Release Date: 16 May 2016

Version: HEC-RAS 4.1.0_1.0.8_ 7/20/2015

Received a new module-adapter-hec-ras.jar from RMA and incorporated it into our software CM system and built a new CHPS HEC-RAS package.

Note:

Problem (1) may only appear when using the FEWS HEC-RAS model adapter run from a Windows operating system. The new module-adapter-hec-ras.jar ensures the chronological sorting of LOCATION-ELV and LOCATION-FLOW profiles from HEC-DSS per HEC-RAS.
